

State of Michigan / UASI

Training and Exercise Plan

2014-2016



Foreword

In the ongoing effort to provide effective homeland security exercise program support and guidance, the US Department of Homeland Security (DHS) Federal Emergency Management Agency (FEMA) developed and maintains the Homeland Security Exercise and Evaluation Program (HSEEP) which serves as a national model for implementation at the state and local levels. DHS is committed, under the HSEEP doctrine, to the implementation of a threat- and performance-based exercise program that includes a cycle, mix, and range of exercise activities of varying degrees of complexity and interaction.

The Homeland Security Grant Guidance, along with HSEEP, requires that states and urban areas receiving funding from the DHS/FEMA National Exercise Division conduct an annual Training and Exercise Planning Workshop (TEPW) to review program accomplishments to-date and necessary modifications to the previous multi-year training and exercise plan and exercise schedule. Outcomes from the TEPW include the updated multi-year training and exercise plan and the state training and exercise schedule which captures all training and exercises, including those related to natural disasters and technological scenarios.

Since the State of Michigan Plan includes the Urban Area Security Initiative (UASI) (defined by DHS) located in Southeastern Michigan (SEMI) and includes the City of Detroit and surrounding jurisdictions, the official title of the state's multi-year plan is State of Michigan/UASI Training and Exercise Plan (TEP) 2014-2016.

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I. Purpose

The purpose of the State of Michigan/UASI TEP 2014-2016 is to provide a follow-on document to the state of Michigan, State Homeland Security Strategy (SHSS) that shows scheduled training and exercise events projected to improve statewide and local capabilities and preparedness. It is a living document that will be updated and refined on an annual basis. Specifically, this document provides a roadmap for the state of Michigan to follow in accomplishing state homeland security priorities, goals, and objectives through performance-based initiatives based upon the guidance from the Homeland Security Exercise and Evaluation Program (HSEEP). The goal of the Michigan Multi-Year TEP is to identify training and exercise within each region, using the building block approach, to ensure successful progression in exercise design, complexity, execution, and applicable training.

Included are the multi-year training and exercise plans, representing the natural progression that should take place in accordance with the HSEEP building block approach. This timetable provides graphic illustration of the proposed training and exercise activities scheduled from January 2014 through December 2016.

II. Training and Exercise Plan Goals and Priorities

The goals for training and exercise at the state and local level are continually derived from recent disasters. At the national level, the [National Preparedness Guideline of 2011](#) defines the current training and exercise priorities. Additional information on the national goals can be found in appendix A of this document.

In the state of Michigan, every five years a state of Michigan, State Homeland Security Strategy is developed to outline the plans and priorities associated with preventing/disrupting terrorist attacks, protecting Michigan's citizens, key resources and critical infrastructure, and responding to incidents, attacks, and natural disaster(s) within the state.

According to the 2009-2013 SHSS, the state strategic goals were:

Goal 1: Enhance the effectiveness of the State Homeland Security Strategy (SHSS).

Goal 2: Enhance, implement, and sustain homeland security programs.

Goal 3: Foster continuity of operations plans (COOP) throughout the public and sectors, and provide for continuity of government (COG).

Goal 4: Improve operational readiness.

Goal 5: Enhance intelligence and information sharing among public and private stakeholders.

Goal 6: Reduce the risk to critical infrastructure and key resources (CIKR), including international interdependencies.

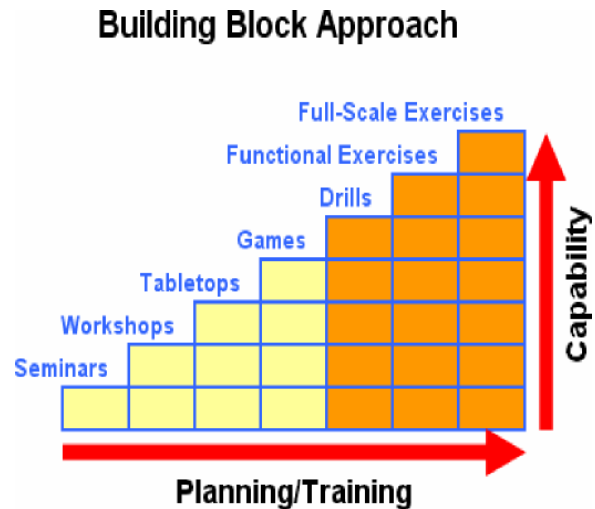
Goal 7: Strengthen communication and communications capabilities.

Goal 8: Enhance and expand statewide capacities and capabilities for mass casualty care and the distribution of medical countermeasures.

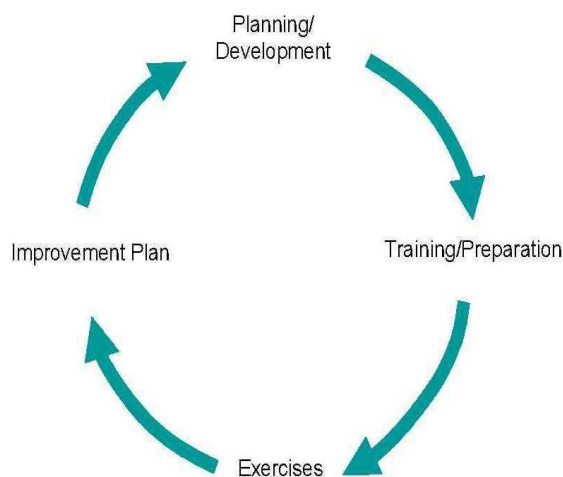
Currently, the SHSS is being updated for 2014-2018, and future state of Michigan Training and Exercise Plans will reflect the new strategic goals.

III. Exercise Methodology

The state of Michigan Training and Exercise Program, administered through the Michigan State Police, Emergency Management and Homeland Security Division (MSP/EMHSD), focuses the state exercise program on the Federal Emergency Management Agency's (FEMA) Homeland Security Exercise and Evaluation Program (HSEEP). By using the guidelines outlined in HSEEP, exercises are developed using the building block approach. As depicted in the figure to the right, the building block approach allows programs to develop and expand training and exercising towards a natural, more complex progression of events. In the state of Michigan, threats, vulnerabilities, roles, responsibilities, and performance tasks are too varied, numerous, and complex to be effectively exercised within a single exercise design or event.



In addition to the building block approach, which implements increasing exercise complexity, HSEEP features a cyclical approach for exercise development to ensure each exercise is appropriately integrated into a total, sustainable preparedness program. As illustrated in the figure below, each step of the program allows for development, training, and improvement by the identification of lessons learned. In this way, jurisdictional programs can discretely break down roles, responsibilities, and tasks at each level to better focus on the training gaps and exercise priorities.



As Michigan's exercise capabilities are enhanced, the design and complexity will also increase, testing multiple disciplines, interagency relationships, and allowing for significant learning opportunities that effectively complement and build upon each other. This rotation of increasingly complex, interwoven exercise activity will help to ensure that exercise scope, scale, and intricacies are tailored to threat level and capabilities of the responding entity. As a natural result, response capabilities will continue to progress over time while maintaining a consistent statewide exercise delivery methodology.

A regional strategic plan was developed for each jurisdiction to identify their specific threats, hazards, and vulnerabilities. During plan development, existing plans and objectives were incorporated, as well as relevant organizational experience. Training, exercises, and equipment purchases will be based upon these assessed threats, hazards, and vulnerabilities using a combination of scenario- and capability- driven platforms. Using the information identified in the plan, each

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jurisdiction is better able to establish the appropriate exercise complexity (building block approach) and to determine the best exercise cycle starting point, thereby enhancing the likelihood of a successful exercise program.

As part of this cycle, the state of Michigan will conduct annual exercises, and training to support those exercises. Furthermore, these events may be coordinated among the state's jurisdictions, other states, and/or federal agencies. Michigan's three-year approach is unique to each jurisdiction, taking into consideration the specific findings from each of the baseline assessments. A description of each of the various HSEEP exercise types, with defined scope and complexities, are delineated in Appendix C.

IV. Multi-Year Training and Exercise Schedule

The following calendars have been identified as projected trainings and exercises for 2013-2015. The calendars are sectioned and color-coded as defined below.

A. Emergency Management and Homeland Security Training Center

Page 6-7

EM Training Classes
EMHSTC Classes
PEM Exam
Conferences

B. State and Local Training Classes

Pages 6-13

Planned Training

C. State and Local Exercises

Pages 14-21

Colored by HSEEP defined type exercises

Orientation	Workshop	Seminar	Tabletop	Drill	Functional	Full Scale
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D. SEMI UASI Training and Exercise Calendar

Pages 22-26

E. Department of Community Health, Office of Public Health Preparedness Exercise Calendar

Pages 27-30

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TRAINING* 2014

	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
MSP/ Emergency Management and Homeland Security Training Center	PEM Exam	Exercise Design, Develop, IP	MI-CEMKR	Legal Issues	Basic PIO Workshop	Exercise Design, Develop, IP		HazMat EMS Part I	PEM Exam	MEMA Conference		
	HazMat EMS Part I	Adv. HazMat IQ- Tech Level	HAZWOPER	Chem I	MI-CEMKR	Hazard Mitigation			Area Rae Deployment			
		Area Rae Deployment	HazMat Tech Part I	HazMat Officer	Chem II				Gasoline Tank Truck Emerg.			
		HazMat EMS Part II			Gasoline Tank Truck Emerg.	ICS/EOC Interface			HazMat EMS Part II			
					HazMat Tech	Adv. CAMEO			HAZWOPER			
					Great Lakes Homeland Security Conference							

*The calendar above only reflects courses currently scheduled for the Emergency Management and Homeland Security Training Center (EMHSTC). The complete course catalog can be viewed on the EMHSTC Web site at www.michigan.gov/emhsd-training. Those interested in any course listed in the course catalog can contact the program manager for further information and to schedule.

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**MSP/EMHSTC with the 51st CST Michigan National Guard and Local HazMat Teams
FY2014 Joint Training and Exercise**

Region	Date(s)	Event	Time	Condition
Region 1– Livingston County	September 5, 2013	Training	0800 – 1600	AR North Evaluation
	September 6, 2013	Exercise	0800 – 1800	
	September 7, 2013	Exercise	0800 – 1800	
	October 21 - 25, 2013	Exercise	0800 – 1800	
Region 2-S – Monroe County Frenchtown Township	November 12, 2013	Training	0800 – 1600	Nighttime
	November 13 - 14, 2013	Exercise	1800 – 0600	
Region 1 – Jackson	December 3, 2013	Training	0800 – 1600	24 Hour Exercise
	December 4, 2013	Exercise	0700 – 0700	
Region 8 – Houghton/Hancock	January 28, 2014	Training	0800 – 1600	Cold Weather
	January 29, 2014	Exercise	0800 – 1700	
Region 2N – Detroit	March 11, 2014	Training	0800 – 1600	Urban Area
	March 12, 2014	Exercise	0800 – 1700	
Region 3 – Bay City	April 15, 2014	Training	0800 – 1600	Rural Area
	April 16, 2014	Exercise	0800 – 1700	
Region 7 – Traverse City	May 6, 2014	Training	0800 – 1600	Agro-Terrorism
	May 7, 2014	Exercise	0800 – 1700	
Region 5 – St. Joseph	July 14 - 17, 2014	Training	0800 – 1600	HazMat Refresher
	July 18, 2014	Exercise	0800 – 1700	
Region 6 – Muskegon	September 9, 2014	Training	0800 – 1600	Maritime
	September 10, 2014	Exercise	0800 – 1700	

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TRAINING 2014												
	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
Statewide	WebEOC, IS 100, 200, 700, 800, ICS 300/400, Professional Development Series (PDS), Public Officials Conferences, Damage Assessment Training, Public Information Officer Training, Exercise Design & Improvement Planning, Michigan Stormwater Floodplain Conference (March), Great Lakes Homeland Security Training Conference (May), MEMA Fall Summit (October)											
State Agencies												
Region 1	School Safety (Eaton)			Communications (Eaton)			Damage Assessment (Eaton)			Explosive Awareness (Eaton)		
				Damage Assessment (Jackson)								
	MAC Ori., IMT Ori, Damage Assessment (Lansing)	MAC Ori., IMT Ori, Damage Assessment (Lansing)	MAC Ori., IMT Ori, Damage Assessment (Lansing)	SKYWARN (Clinton)			IS-702 & IS-704 (Lansing)					
							SAR Ops (Clinton)					
Region 2	See attached UASI Exercise Schedule											
Region 3	Continuing: 800 MHz Drill- monthly Active Shooter (Saginaw) Bay Alerts/ IPAWS – ongoing (Bay)											
	Senior Officials Workshop (Tuscola)		Basic CERT (Alcona, Oscoda)	Senior Officials (Ogemaw, Saginaw)		ADMS (Ogemaw)						
			SKYWARN (Gladwin)	HazMat (Genesee)	Drivers Training (Huron)		Active Shooter (Gladwin)					
				Bomb Detection (Gladwin)								
			Threat Assessment, CERT Refresher, Sandbag Training, CBRNE, Emergency Response (Saginaw)									
Region 5	Agro-Terrorism-RDPC (St. Joseph)			Workplace Violence (St. Joseph)								
		Severe Weather (Branch)		EOC Staff (Kalamazoo)	Tech Rescue (Branch)	PIO (Branch)			School Security (Branch)	EOC (Calhoun)		
				Active Shooter (Branch)					Public Reception, Emerg. Work Decon, EOC Ops (Berrien)			

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TRAINING 2014												
	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
Region 6	Continuing: Active Shooter, Sheltering, Evacuation and School Safety (Kent) EOC Training, quarterly (Osceola)											
	Firefighter 1, 2 and Drivers Training Course (Clare)					Active Shooter (Lake)						
	HazMat Refresher (Clare)		SKYWARN (Newaygo)	PIO Training (Osceola)								
	ICS 402 (Kent)				Deactivation (Lake)							
		Disaster Recovery (Lake)	SKYWARN (Ottawa)		Wildland Search and Rescue Ops (Newaygo)							
Region 7	National Weather Service Workshop (Roscommon, Antrim, Grand Traverse)											
	EOC Activation, COOP/COG (Antrim)			Public Officials (Antrim)			EOC Refresher (Missaukee)	PIO (Missaukee)		NWS Weather Spotters (Missaukee)		
				COOP/COG (Grand Traverse)								
	Public Officials , COOP/COG (Crawford)			EOC Activation (Crawford)								
		EOC (Montmorency)		NWS Weather Spotters (Crawford, Missaukee, Montmorency)	PIO (Missaukee)	PIO (Missaukee)						
			Damage Assessment (Montmorency)									
Region 8	Annual: Weather Spotters School Safety Active Shooter (Marquette) Courthouse Safety (Menominee)											
	Firewise Communities (Mackinac)											
			School Lockdown (Iron)	HazMat Tech (Mackinac)	Damage Assessment (Ontonagon)	Fatality Mgmt. (Marquette)		Active Shooter (Mackinac)				
					PIO with PH (Marquette)							

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TRAINING 2015												
	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
Statewide	WebEOC, IS 100, 200, 700, 800, ICS 300/400, Professional Development Series (PDS), Public Officials Conferences, Damage Assessment Training, Public Information Officer Training, Exercise Design & Improvement Planning, Michigan Stormwater Floodplain Conference (March), Great Lakes Homeland Security Training Conference (May), MEMA Fall Summit (October)											
State Agencies												
Region 1	School Safety (Eaton)			ICS 300 (Eaton)			Communications (Eaton)			CERT (Eaton)		
				CBRNE Awareness (Jackson)								
		EOC Resource Mgmt. (Clinton)				FUNSAR/ SARTECH 2 (Clinton)	IS-704 (Lansing)	Active Shooter IM (Clinton)				
Region 2	See attached UASI Exercise Schedule											
Region 3	Continuing: 800 MHz Drill- monthly Bay Alerts/ IPAWS – ongoing (Bay)											
			SKYWARN (Gladwin)						CERT Refresher (Alcona, Oscoda)	Pipeline (Alcona, Oscoda)		
			CERT Refresher (Saginaw)									
			Public Officials (Genesee)									
Region 5	Evac. and Shelter of Functional Needs (St. Joseph)	Severe Weather (Branch)	EOC Radio Comms. (St. Joseph)	EOC Staff (Kzoo)	REP 101, Public Reception, Emerg. Worker Decon, EOC Ops (Berrien)			EOC Staff Ref. (Kalamazoo)		Animal Rescue (St. Joseph)	EOC (Calhoun)	
				HazMat AWR (Branch)				School Security (Branch)				
Region 6	Continuing: Active Shooter, Sheltering, Evacuation and School Safety (Kent) SKYWARN (Ottawa) EOC Training, quarterly (Osceola)											
	Firefighter 1, 2 & Drivers Training (Clare)										Active Shooter (Lake)	
	HazMat Refresher (Clare)		SKYWARN (Newaygo)		MCI Recovery (Lake)							
	ICS 402 (Kent)				ICS/EOC Interface (Newyago)						Shelter in Place (Lake)	

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	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
Region 7		PIO (Montmorency)										
	EOC Activation, National Weather Service (Roscommon, Antrim, Grand Traverse, Montmorency)			Public Officials (Crawford)								
	PIO (Crawford)			NWS Weather Spotters (Crawford)								
			NWS Weather Spotter (Missaukee)							NWS Weather Spotter (Missaukee)		
Region 8	Annual: Weather Spotters School Safety Courthouse Safety (Menominee)											
		Damage Assessment (Gogebic)	Public Officials (Ontonagon)			Comms. (Iron)		Active Shooter (Mackinac)	Radio Response (Ontonagon)			
		EOC Training (Marquette)										

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TRAINING 2016

	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
Statewide	WebEOC, IS 100, 200, 700, 800, ICS 300/400, Professional Development Series (PDS), Public Officials Conferences, Damage Assessment Training, Public Information Officer Training, Exercise Design & Improvement Planning, Michigan Stormwater Floodplain Conference (March), Great Lakes Homeland Security Training Conference (May), MEMA Fall Summit (October)											
State Agencies												
Region 1	ICS 400 (Eaton)			School Safety (Eaton)			COOP (Eaton)			Explosive Awareness (Eaton)		
	Fire Officer Training (Jackson)											
		PIO/JIC Ops (Clinton)										
Region 2	See attached UASI Exercise Schedule											
Region 3	Continuing: 800 MHz Drill- monthly											
			CERT Refresher (Saginaw)									
Region 5	COOP (St. Joseph)	Severe Weather (Branch)		EOC Staff (Kalamazoo)				EOC Staff Ref. (Kalamazoo)	REP 101, Public Reception, Emerg. Worker Decon, EOC Ops (Berrien)		EOC (Calhoun)	
Region 6	Continuing: Active Shooter, Sheltering, Evacuation and School Safety (Kent) SKYWARN (Ottawa) EOC Training, quarterly (Osceola)											
	HazMat Refresher (Clare)	SKYWARN (Newaygo)								Volunteer Reg. Center (Alcona, Oscoda)		
	Firefighter 1, 2 & Drivers Training Course (Clare)											
	ICS 402 (Kent)											
	CBRNE (Lake)											

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	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
Region 7	EOC Activation & National Weather Service (Roscommon, Antrim, Grand Traverse)			NWS Weather Spotters (Crawford)	PIO (Montmorency)							
	NWS Winter Weather Spotters (Crawford, Montmorency)											
Region 8	Annual: Weather Spotters School Safety Courthouse Safety (Menominee)											
		EOC Training (Marquette)	EOC Ops (Gogebic, Iron)					Active Shooter (Mackinac)				

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EXERCISE 2014

EXERCISE 2014													
	First Quarter			Second Quarter			Third Quarter			Fourth Quarter			
	January	February	March	April	May	June	July	August	September	October	November	December	
State Agencies			IEMC (EMHSD)	FERMI 2 REP (EMHSD)					Palisades REP HAB (EMHSD)	Palisades REP HAB (EMHSD)			
						Fire Drills (DTMB)							ECC Drill (DTMB)
Region 1	Damage Asses. TTX (Clinton)		Public Info. FE (Clinton)		Wind Farm TTX (Gratiot)	Missing Person Search FSE (Clinton)		Special Event FE (Lansing)	Flood Drill & TTX (Lansing)	Wind Farm FE (Gratiot)			
						AIREX 14 FSE (Ingham)			Damage Asses. Drill (Lansing)				HazMat FSE (Delta Twp.)
					School Lockdown Drill (Eaton)				Scene Eval. Drill (Shiawassee)				FSE (Lenawee)
					T2 Tactical Medical Drill (Shiawassee)								
	Special Response Team TTX (Shiawassee)						School Lockdown Drill (Eaton)			CERT Scene Accountability Drill, Fire Response and Suppression to IED TTX (Shiawassee)			
							EOC Activation FE (Jackson)						
Region 2	See attached UASI Exercise Schedule												
Region 3	TTX (Saginaw)	Pipeline Spill FSE (Alcona, Oscoda)	Shelter & Evac. TTX (Ogemaw)	51 CST FSE (Midland)	TTX (Saginaw)	Zumro Tent Drill (Tuscola)			TTX (Saginaw)		MCI FSE (Huron)		
	EOC Call Out Drill (Sanilac)			Regional Ag. TTX (Saginaw)		Active Shooter TTX (Gladwin)	Warning Notification Drill (Sanilac)						
	SNS FE (Sanilac)						School Bus FSE (Sanilac)						
		ICS TTX (Arenac, Iosco)	TTX (Saginaw)	LTC Drill (Genesee)	MCI Drill (Huron)		Fairground FSE (Ogemaw)						
			EOC Drill (Gladwin)										
		LTC TTX (Genesee)	MCI Seminar/Workshop (Huron)	MCI Workshop (Huron)	Active Shooter Ori. (Gladwin)		TTX (Saginaw)						
						MCI FE (Huron)							

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	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
Region 5	Date Unknown: 5 th District Medical Coalition TTX (Kalamazoo)											
	EOC Orientation (Barry)	COOP Drill (Branch)	CERT FSE (Calhoun)		Airport FSE (Kalamazoo)	Active Shooter TTX/Drill (Branch)	51 CST (St. Joseph)	ICCT Comms. TTX (Calhoun)	Kalamazoo College TTX (Kalamazoo)	Severe Weather TTX & Drill (Branch)		
		TTX (Cass)			Drill (Cass)	FSE (Cass)				Palisades REP (Berrien, Van Buren, Allegan)		
					Patient Decon TTX, Drill, FSE (Branch)					CN Railroad TTX (Calhoun)		
Region 6	Annually: MABAS (Kent) School Drills (Kent) EOC Activation (Oceana) All Function Drills, monthly (Osceola)											
	County Building Evacuation Drill (Ottawa)			Private Sector TTX (Ottawa)			EOC Call Out FE (Ottawa)					
				Mass Casualty TTX (Osceola)			School Response FSE (Osceola)					
	MCI Seminar (Ionia)	EOC Act. TTX/FE (Grand Rapids)	MCI TTX (Ionia)	EOC Call Out Drill (Newaygo)	LEPC HazMat TTX/FSE (Grand Rapids)	Electric Forest TTX (Oceana)	Pharm. Dispen. Drill (Muskegon)		Train Derailment FSE (Clare)	Pharm. Dispen. Drill (Osceola)	Natural Disaster TTX (Grand Rapids)	MCI Correction Drill (Kent)
		EOC Drill (Ionia)	Active of Violence TTX (Mecosta)	EOC Drill (Mecosta)	SAR Drill (Newaygo)				Hydro Drill (Kent)	EOC TTX (Mecosta)	Jail Evac. (Muskegon)	
		Disaster Recovery TTX (Lake)	Public Health FSE (Newaygo)	Medical Care -Functional Needs FE (Oceana)						Disaster Recovery FE (Lake)		
			MCI FSE (Mason)	EMS Mass Care FSE (Oceana)						LEPC tier II TTX (Ottawa)		
			Regional FSE (Oceana)						LEPC HazMat Drill (Kent)			

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	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
Region 7	Communications & WebEOC Drill – monthly MIHAN Drill – quarterly Regional Communication FE (Roscommon, Antrim, Grand traverse) Virtual Tabletop Series											
	Oil/Gas Well TTX (Crawford)			Tornado Drill (Leelanau)	Active Shooter FE (Roscommon)					HazMat FSE (CCE)		
	Active Shooter TTX (Roscommon)		Dam Failure FE (Manistee)	Multi-County TTX (Manistee)	County Building Lockdown Drill (Grand Traverse)					USPS BDS Activation FSE (Grand Traverse)		
	Comms. TTX/FE (CCE)				ICS/EOC Drill (Alpena)							
	HazMat 302 site TTX (Missaukee)	EOC Activation Drill Montmorency	Severe Weather Orientation Montmorency	51 CST (Ostego)	HazMat FE (Benzie)	Active Shooter FE (Manistee)		EOC TTX (Manistee)				
				Severe Weather FSE Montmorency	Port Security TTX (Manistee)		Active Shooter Drill (Otsego)					
Region 8	Annual: Active Shooter, Fire Evacuation, Dam Failure (Alger) LTC Facilities TTX (Luce) Dam Notification, Active Shooter Drills- monthly Fire Evacuation- quarterly (Menominee)											
	Train Derailment Series (Ori, TTX, Drill)			Bridge Out TTX (Houghton, Keweenaw)	School FSE (Baraga)	HazMat TTX (Baraga)	Tornado Drill (Baraga)		EOC Ops Drill (Alger)	Long Term Care FSE (Chippewa)		Board of Power & Light TTX (Marquette)
			EOC Ops Drill (Houghton, Keweenaw)	Chemical Spill TTX (Schoolcraft)	EOC FE (Chippewa)	Bridge Out FE (Houghton, Keweenaw)	Weather TTX (Gogebic, Iron)		School Lockdown Drill (Chippewa)			
				CBRNE FSE (Marquette)	Weather Orientation (Gogebic)	Damage Assessment TTX (Schoolcraft)			Bomb Threat & Active Shooter Drill (Menominee)			
						County Comms. TTX (Ontonagon)						
						Sawyer Airport FE (Marquette)						
						POD FSE (Marquette)						

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EXERCISE 2015

EXERCISE 2015															
	First Quarter			Second Quarter			Third Quarter			Fourth Quarter					
	January	February	March	April	May	June	July	August	September	October	November	December			
State Agencies															
Region 1	EOC Resource Mgmt TTX (Clinton)					Local TTX (Ingham)	Incident Ops Drill (Clinton)	Natural Disaster TTX (Delta Twp.)			PIO/JIC TTX (Clinton)				
						Special Response Tem Drill Shiawassee									
						COOP TTX (Eaton)		Disaster Area Evac. Drill (Shiawassee)							
						Fire Response & Suppression to IED Drill (Shiawassee)									
														COOP TTX & Comms. FE (Eaton)	
														Natural Disaster FSE (Jackson)	
Region 2	See attached UASI Exercise Schedule														
Region 3	TTX (Saginaw)		TTX (Saginaw)	Tornado FSE (Alcona, Oscoda)	TTX (Saginaw)	Generator Drill (Tuscola)			TTX (Saginaw)		TTX (Saginaw)				
			Natural Disaster TTX (Genesee)	Evacuation FSE (Gladwin)	MCI TTX (Arenac, Iosco)	MCI FE (Arenac, Iosco)	TTX (Saginaw)	Pipeline TTX (Gladwin)	Comms. Failure TTX (Gladwin)						
Region 5	Dates Unknown: County Wide CBRNE FSE (Kalamazoo) 5 th District Medical Coalition TTX (Kalamazoo) Severe Weather TTX (Van Buren)														
			Terrorism TTX (St. Joseph)						School Shooting Drill (St. Joseph)						
	EOC Animal TTX (Barry)	Shelter Ops TTX, Drill, FSE (Branch)		Airport Active Shooter TTX (Kalamazoo)	CN Railroad TTX (Calhoun)	FSE (Cass)	SAR FSE (Calhoun)		Kalamazoo College TTX (Kalamazoo)	CERT TTX (Calhoun)					
	TTX (Cass)				Drill (Cass)					DC Cook REP (Berrien)					

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EXERCISE 2015

EXERCISE 2015												
	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
Region 6	Annually: MABAS (Kent) School Drills (Kent) HazMat and School Drills (Oceana) All Functions Drills, monthly (Osceola)											
	SARA III Seminar (Ionia)	EOC Act. TTX/FE (Grand Rapids)	Comms. Drill (Ionia)	Disaster Recovery FSE (Lake)	LEPC HazMat TTX-FSE (Grand Rapids)	Deactivation TTX (Lake)			Pipeline FE (Clare)	Deactivation FE (Lake)	Power Outage TTX (Grand Rapids)	MCI Correction Drill (Kent)
	Act of Violence FE (Mecosta)			Community Evac. Drill (Mecosta)	HazMat TTX (Ionia)			Hydro Drill (Kent)		Jail Evac. (Osceola)		
				EOC Call Out Drill (Newaygo)	Active Shooter Drill (Newaygo)	ICS/EOC TTX (Alpena)						
	SKYWARN Drill (Ottawa)			EOC Drill, Crisis Comms. TTX (Ottawa)					LEPC HazMat Drill (Kent)			
									Consumers Drill (Mason)			
Region 7	Annual: MIHAN Drill –quarterly Communication Drills & MI-CIMS –monthly Virtual Tabletop Series											
	Comms. FE (CCE)		Tornado FE (Benzie)	Tornado Drill (Leelanau)	Dam Failure FE (Manistee)	Port Security FSE (Manistee)		EOC FE (Manistee)		Weather TTX (CCE)		
				Comms. Drill (Manistee)			Active Shooter (Ostego)					
	HazMat 302 Site Drill (Missaukee)			Chemical Spill TTX Montmorency					Active Shooter TTX (Grand Traverse)			

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EXERCISE 2015

	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	January	February	March	April	January	February	March	April
Region 8	Annual: Active Shooter, Fire Evacuation, Dam Failure (Alger) Bus Accident FSE (Luce) Dam Notification, Active Shooter Drills – monthly (Menominee)											
	Pipeline TTX (Mackinac)	EOC Ops Drill (Houghton, Keweenaw)	EOC FE (Chippewa)	Pan-Flu TTX (Gogebic)	Bridge FE (Houghton, Keweenaw)	HazMat FSE (Gogebic, Iron)		EOC Ops Drill (Alger)	Sawyer Airport TTX (Marquette)		Board of Power & Light TTX (Marquette)	
			Bridge TTX (Houghton, Keweenaw)	Pipeline Drill (Mackinac)	PIO TTX (Schoolcraft)			Int. Bridge Evac FSE (Chippewa)				
			Active Shooter FSE (Ontonagon)		County Comms. FE (Ontonagon)			School Lockdown Drill (Chippewa)				

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EXERCISE 2016

EXERCISE 2016												
	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	May	June	July	August	September	October	November	December
State Agencies												
Region 1		EOC Seminar (Delta Twp.)				Local FSE (Ingham)	HazMat/Transportation TTX (Eaton)					
						Missing Person (Shiawassee)	CERT Disaster Response TTX/Drill Crown Management TTX/Drill (Shiawassee)					
							HazMat/Transportation Orientation (Eaton)					
							Active Shooter Seminar (Jackson)					
Region 2	See attached UASI Exercise Schedule											
Region 3	TTX (Saginaw)	Pipeline (Gladwin)	TTX (Saginaw)	Airport FE (Alcona, Oscoda)	TTX (Saginaw)		TTX (Saginaw)		TTX (Saginaw)		TTX (Saginaw)	
			Comms. Failure (Gladwin)	IED TTX (Arenac, Iosco)	IED FE (Arenac, Iosco)		PIO Seminar (Huron)					
			CBRNE TTX (Genesee)	CBRNE FSE (Genesee)								
Region 5	Date Unknown: 5 th District Medical Coalition TTX											
	TTX (Cass)			Airport TTX (Kalamazoo)	County Wide FSE (Kalamazoo)	ICCT TTX (Calhoun)			Kalamazoo College TTX (Kalamazoo)	Palisades REP (Berrien, Van Buren, Allegan)	EOC FSE (Calhoun)	
				CERT TTX (Calhoun)	Multi-Co FSE (Barry)	FSE (Cass)						
				Tornado USAR FSE (Branch)	Drill (Cass)							

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EXERCISE 2016

	First Quarter			Second Quarter			Third Quarter			Fourth Quarter		
	January	February	March	April	January	February	March	April	January	February	March	April
Region 6	Annually: MABAS & School Drills (Kent) Hospital and School Drills (Oceana) All Functions Drills, monthly (Osceola)											
	Tornado Seminar (Ionia)	EOC TTX/FE (Grand Rapids)	Tornado TTX (Ionia)	Large Scale Event FSE (Mecosta)	LEPC HazMat TTX-FSE (Grand Rapids)	Active Shooter TTX (Lake)		Bus Extrication Drill (Newaygo)	HazMat FE (Clare)		TTX (Grand Rapids)	MCI Correction Drill (Kent)
	Large Scale Event TTX (Mecosta)			EOC Call Out Drill (Newaygo)	Tornado Drill (Ionia)				LEPC HazMat Drill (Kent)			
					Deactivation FSE (Lake)				Hydro Drill (Kent)			
				EOC Drill (Ottawa)				Damage Assessment FE (Ottawa)				
				Consumers IAP TTX (Mason)				Wildfire Drill (Osceola)				
Region 7	Annual: MIHAN Drill – quarterly Communication Drills & MI-CIMS – monthly Virtual Tabletop Series											
	Comms. FE (CCE)		Dam Failure FSE (Manistee)	Tornado Drill (Leelanau)	Port Security (Manistee)	HazMat FE (Benzie)	Active Shooter (Ostego)			Winter Weather TTX (Benzie)		
					ICS/EOC FE (Alpena)							
				Sheltering FE (Montmorency)		Active Shooter (Manistee)				Active Shooter FE/FSE (CCE)		
						Active Shooter FE (Grand Traverse)						
Region 8	Annual: Active Shooter, Fire Evacuation (Alger) Airport FE (Luce) Dam Notification, Active Shooter Drills- monthly (Menominee)											
		Bridge Walk TTX (Mackinac)	EOC Ops (Keweenaw)	EOC FE (Chippewa)	Ferry System TTX (Mackinac)	Sawyer Airport FSE (Marquette)	Airport FSE (Gogebic)	Pipeline TTX (Gogebic, Iron)	Airport FSE (Chippewa)	School Lockdown Drill (Chippewa)		Board of Power & Light TTX (Marquette)
			Active Shooter (Schoolcraft)									
			EOC Power Outage TTX (Ontonagon)									

Detroit-SEMI UASI Multi-Year Training and Exercise Schedule (Updated 10/30/13)

SEMI UASI TRAINING AND EXERCISE SCHEDULE 2014												
Jurisdiction	January	February	March	April	May	June	July	August	September	October	November	December
City of Detroit			ICS 100, 200, 700, 800 IS 300 & 400 IED/CBRNE	Detroit – Windsor Tunnel Border Drill E390		ICS 100, 200, 700, 800 IED/CBRNE		TEEN CERT FSE	ICS 100, 200, 700, 800 IED/CBRNE Casino FSE	IS 100, 200 WEB EOC		
Macomb Co.					EAG Sector 3 TTX					COOP Activation TTX	EAG EOC Notification Activation TTX	
Monroe Co.			FERMI EOP Review (Several scheduled)	Basic Radiation 101 (Several sessions scheduled)		Radiological Decon Training	Congregate Care Training FERMI FSE	Congregate Care Training			CERT Mass Casualty Drill	
Oakland Co.							ICS 300, 400					
St. Clair Co.	NIMS Classes EOC Classes	NIMS Classes EOC Classes	NIMS Classes EOC Classes Tornado TTX	NIMS Classes EOC Classes Decon				Continuity Planning				
Washtenaw Co.	AA Resource Mgmt.	Pipeline Response	SKYWARN Spotter Training	SKYWARN Spotter Training	AA HS Conf.	AA - Multi Jurisdiction Terrorism FSE			Disease TTX	AA Summit C		

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SEMI UASI TRAINING AND EXERCISE SCHEDULE 2014												
Jurisdiction	January	February	March	April	May	June	July	August	September	October	November	December
Wayne Co.	Wayne County CERT, Active Shooter Class, Communications Exercise TBD, Livonia –TTX TBD, Volunteer Reception Center TBD											
	Canton CERT & WEB EOC (2nd Quarter) County All Hazard IMT Livonia – IS 200 & TTX	Dearborn EOC Orientati on County REP	County IMT Facility Unit Leader Livonia TTX Canton Community Prepared- ness	County Tier II Mobile Field Force 2 FERMI Drills 1 FERMI FSE Livonia – IS 700		Canton TTX (3 rd Quarter)	Livonia – IS 800 & TTX		Trenton AMSTEP FSE Livonia – IS 100, 700 Dearborn TTX Canton Community Prep.	Trenton Controller in UASI Exercise Canton DA	Canton Senior Safety and BDLS	
Region Wide					HS Confer -ence				Citizen Corp Exercise	MEMA Conference		
All Jursdictions: NIMS training as required/needed, PEM training as required/needed, WEB-EOC training as required/needed, weekly/monthly EMNET, Siren and 800 MHz Radio Tests & HSEEP requirements												

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SEMI UASI TRAINING AND EXERCISE SCHEDULE 2015												
Jurisdiction	January	February	March	April	May	June	July	August	September	October	November	December
City of Detroit			ICS 100, 200, 700, & 800 IED /CBBNE	Detroit – Windsor Tunnel Border FSE		ICS 100, 200, 700 & 800 IED/CBRNE	ICS 300 & 400	TEEN CERT FSE	ICS 100, 200, 700, & 800 Casino CBRNE FSE	WEB EOC IS 100 IS 200		
Macomb Co.			Selfridge	FSE McLaren Hospital Selfridge TTX	Selfridge National Disaster Exercise County EAG Sector 2 TTX	Selfridge Air Accident Exercise	TTX Armada Fair	Metro Macomb SWAT FSE @ Davenport U and St. John's Hosp / w CERT	Selfridge FSE	COOP Backup Personnel TTX	EAG EOC Notification Activation TTX	
Monroe Co.			ICS 300, 400 Flood TTX				ICS 300, 400			EOP Review	CERT Mass Casualty Drill	
Oakland Co.		Troy Beaumont Hospital TTX	ICS 402 ICS 300, 400	ICS 300, 400 IMT FE Public Health T&E Workshop	Public Health Mass Fatality FE	Public Health FS Ex	OAK TAK Active Shooter	OAK TAK Active Shooter IMT & EOC w/ MSP Simulator	IMT Training	Active Shooter FE w/ IMT & CREST Chem. 1, HazMat Officer		Trans Spec.
St. Clair Co.	NIMS Classes	EOC Operations			Decon	Decon Drill		Decon Drill	Continuity Planning	Snowstor m TTX		

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SEMI UASI TRAINING AND EXERCISE SCHEDULE 2015												
Jurisdiction	January	February	March	April	May	June	July	August	September	October	November	December
Washtenaw Co.	AA Damage Assessment	Pipeline Response	SKYWARN Training	SKYWARN Training	AA HS Conf.		AA Terrorism TTX		Weather TTX	AA Summit Conf.		
Wayne Co.	Livonia Drill and FSE TBD											
			Canton Community Preparedness									
Region Wide					HS Conf.				Citizen Corps Exercise	MEMA Conference		
All Jurisdictions: NIMS training as required/needed, PEM training as required/needed, WEB-EOC training as required/needed, weekly/monthly EMNET, Siren and 800 MHz Radio Tests along with HSEEP required events leading up to the exercises.												

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SEMI UASI TRAINING AND EXERCISE SCHEDULE 2016												
Jurisdiction	January	February	March	April	May	June	July	August	September	October	November	December
City of Detroit												
Macomb Co.												
Monroe Co.												
Oakland Co.												
St. Clair Co.	NIMS Classes		EOC Operations				Decon	Continuity Planning				
Washtenaw Co.		Pipeline Response	SKYWARN Training	SKYWARN Training					HAZMAT FS			
Wayne Co.	Livonia FE and TTX TBD											
			Canton Community Preparedness									
Region Wide					Homeland Security Conference	National HS Conference			Citizen Corps Exercise	MEMA Conf.		
All Jurisdictions: NIMS training as required/needed, PEM training as required/needed, WEB-EOC training as required/needed, weekly/monthly EMNET, Siren and 800 MHz Radio Tests along with HSEEP required events leading up to the exercises.												

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STATE HEALTH	MDCH-OPHP MULTIYEAR TRAINING AND EXERCISE SCHEDULE: BP2 (2013-2014)											
	Qtr. 1			Qtr. 2			Qtr. 3			Qtr. 4		
	J	A	S	O	N	D	J	F	M	A	M	J
PHEP	After-Hour LHD 24/7 Emergency Call Down Drill		CHECC Evacuation Drill Region 8 Multiyear TEPW	CHECC Activation Drill		CHEMPACK Transportation Plan TTX		IAP Training EEI Drill	EPIW Workshop	Fermi II Drill (#1, #2, Rep)	NPI Mass Care Community Preparedness Resilience Workshop	
HPP	Regional HCC HAVBED NDMS ExDrill	Volunteer Management Training	Regional HCC HAVBED NDMS ExDrill Interoperable Comm. ExDrill Casualty Transport System TTX Hospital Volunteer Management Training	Hospital Volunteer Management Training	Regional HCC HAVBED NDMS ExDrill National HAVBED ExDrill	Comm. Health Center MIHAN ExDrill Interoperable Comm. ExDrill Regional CHEMPACK Transportation Plan TTX Volunteer Management Training	Regional HCC HAVBED NDMS ExDrill	Volunteer Management Training	Regional HCC HAVBED NDMS ExDrill Interoperable Comm. ExDrill MEDDRUN Backup Agency Comm. ExDrill	National HAVBED ExDrill	Regional HCC HAVBED NDMS ExDrill MI-Volunteer Registry Volunteer Deployment Exercise Regional HCC MI-TESA Full Scale Exercise	Comm. Health Center MIHAN ExDrill Interoperable Comm. ExDrill
MI-SNS		SNS Quarterly Notification Drill			SNS Quarterly Notification Drill SNS Annual Volunteer Notification Drill	Public Health MISNS SharePoint Request Tool ExDrill		SNS Quarterly Notification Drill		Hospital MISNS SharePoint Request Tool ExDrill	SNS Quarterly Notification Drill	
BUREAU OF LAB – CT		CDC CT Specimen Collection & Pkg. Ex			CT COMM Drill				State to State simulated surge EX	CT COMM Drill		CT Hospital Response Ex
BUREAU OF LAB – BT	BOL-BT Biosecurity Drill		Biosecurity Drill	BOL-BT Comm. Drill	BOL –BT Biosafety		BOL-BT Biosecurity Drill	BOL-BT Lab Surge Ex Drill		BOL-BT Comm. Drill Biosecurity Drill		BOL-BT Biosecurity Drill

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STATE HEALTH	MDCH-OPHP MULTIYEAR TRAINING AND EXERCISE SCHEDULE: BP3 (2014-2015)											
	Qtr. 1			Qtr. 2			Qtr. 3			Qtr. 4		
	J	A	S	O	N	D	J	F	M	A	M	J
PHEP		CHECC Alternate Site Drill	Mass Effect Conference & Workshop Palisades Drill #1	Palisades Drill (#2, Rep)	Mass Effect TTX			CHECC Mass Effect Activation/IAP Drill		D.C. Cook Drill #1		Statewide NEHC FSE
HPP	Regional HCC HAvBED NDMS ExDrill		Regional HCC HAvBED NDMS ExDrill Interoperable Comm. ExDrill MI-MORT Full Scale Exercise	Regional Healthcare Coalition Volunteer Management TTX	Regional HCC HAvBED NDMS ExDrill	Comm. Health Center MIHAN ExDrill Interoperable Comm. ExDrill	Regional HCC HAvBED NDMS ExDrill		Regional HCC HAvBED NDMS ExDrill Interoperable Comm. ExDrill Primary MEDDRUN Housing Agency Functional Exercise Regional HCC LTC Evacuation Functional Exercise	National HAvBED ExDrill Disco Inferno: "Some Like It Hot" MI-Burn Plan Functional Exercise	Regional HCC HAvBED NDMS ExDrill	Comm. Health Center MIHAN ExDrill Interoperable Comm. ExDrill Regional HCC ACC and NEHC Full-Scale Exercise
MI-SNS		SNS Quarterly Notification Drill	SNS Omega Delivery FSE		SNS Quarterly Notification Drill SNS Annual Notification Drill	Public Health MISNS SharePoint Request Tool ExDrill		SNS Quarterly Notification Drill		Hospital MISNS SharePoint Request Tool ExDrill	SNS Quarterly Notification Drill	
BUREAU OF LAB – CT	CT COMM Drill		CT Hospital Response Ex	State to State simulated surge Ex	CT COMM Drill		CT COMM Drill		CT COMM Drill		CDC CT Specimen Collection & Pkg. Ex	
BUREAU OF LAB – BT	BOL-BT Comm. Drill Biosecurity Drill		Biosecurity Drill		BOL –BT Comm. Drill Biosafety Drill BOL-BT Lab Surge Ex	BOL-BT Comm. Drill	Biosecurity Drill			BOL-BT Comm. Drill Biosecurity Drill		BOL-BT Comm. Drill Biosecurity Drill

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STATE HEALTH	MDCH-OPHP MULTIYEAR TRAINING AND EXERCISE SCHEDULE: BP4 (2015-2016)											
	Qtr. 1			Qtr. 2			Qtr. 3			Qtr. 4		
	J	A	S	O	N	D	J	F	M	A	M	J
PHEP			D.C. Cook Drill (#2, Rep)						Palisades Drill #1	Palisades Drill (#2, Rep)		
HPP	Regional HCC HAvBED NDMS ExDrill		Regional HCC HAvBED NDMS ExDrill Interoperable Comm. ExDrill Pediatric Emergency Preparedness TTX		Regional HCC HAvBED NDMS ExDrill Regional CHEMPACK Transportation Plan TTX	Comm. Health Center MIHAN ExDrill Interoperable Comm. ExDrill	Regional HCC HAvBED NDMS ExDrill		Regional HCC HAvBED NDMS ExDrill Backup MEDDRUN Housing Agency Functional Exercise Mass Fatality Exercise	National HAvBED ExDrill	Regional HCC HAvBED NDMS ExDrill	Comm. Health Center MIHAN ExDrill Interoperable Comm. ExDrill
MI-SNS		SNS Quarterly Notification Drill			SNS Quarterly Notification Drill SNS Annual Notification Drill	Public Health MISNS SharePoint Request Tool ExDrill		SNS Quarterly Notification Drill		Hospital MISNS SharePoint Request Tool ExDrill	SNS Quarterly Notification Drill	
BUREAU OF LAB – CT	CT COMM Drill		CT Hospital Response Ex	State to State simulated surge EX	CT COMM Drill		CT COMM Drill		CT COMM Drill		CDC CT Specimen Collection & Pkg. Ex	
BUREAU OF LAB – BT	BOL-BT Comm. Drill Biosecurity Drill		Biosecurity Drill		BOL –BT Comm. Drill Biosafety Drill BOL-BT Lab Surge Ex	BOL-BT Comm. Drill	Biosecurity Drill			BOL-BT Comm. Drill Biosecurity Drill		BOL-BT Comm. Drill Biosecurity Drill

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STATE HEALTH	MDCH-OPHP MULTIYEAR TRAINING AND EXERCISE SCHEDULE: BP5 (2016-2017)											
	Qtr. 1			Qtr. 2			Qtr. 3			Qtr. 4		
	J	A	S	O	N	D	J	F	M	A	M	J
PHEP	Fermi II Drill (#1, #2)	Fermi II Rep Ex.										
HPP	Regional HCC HAvBED NDMS ExDrill		Regional HCC HAvBED NDMS ExDrill Interoperable Comm. ExDrill		Regional HCC HAvBED NDMS ExDrill	Comm. Health Center MIHAN ExDrill Interoperable Comm. ExDrill	Regional HCC HAvBED NDMS ExDrill		Regional HCC HAvBED NDMS ExDrill Interoperable Comm. ExDrill	National HAvBED ExDrill	Regional HCC HAvBED NDMS ExDrill	Comm. Health Center MIHAN ExDrill Interoperable Comm. ExDrill Regional HCC Operation Nukem: Medical Emergency Modular System FSE
MI-SNS		SNS Quarterly Notification Drill			SNS Quarterly Notification Drill SNS Annual Notification Drill	Public Health MISNS SharePoint Request Tool ExDrill		SNS Quarterly Notification Drill		Hospital MISNS SharePoint Request Tool ExDrill	SNS Quarterly Notification Drill	
BUREAU OF LAB – CT	CT COMM Drill		CT Hospital Response Ex	State to State simulated surge EX	CT COMM Drill		CT COMM Drill		CT COMM Drill		CDC CT Specimen Collection & Pkg. Ex	
BUREAU OF LAB – BT	BOL-BT Comm. Drill Biosecurity Drill		Biosecurity Drill		BOL –BT Comm. Drill Biosafety Drill BOL-BT Lab Surge Ex	BOL-BT Comm. Drill	Biosecurity Drill			BOL-BT Comm. Drill Biosecurity Drill		BOL-BT Comm. Drill Biosecurity Drill

V. Summary

The state of Michigan is moving forward with considerable effort to better protect and prepare its citizens to respond to and recover from all disasters, including the threat of terrorism. Through the development of the State Multi-Year Training and Exercise Plan, Michigan is better equipped to serve as a nationwide model for domestic preparedness by providing comprehensive preparedness initiatives throughout the state.

The Multi-Year Training and Exercise Plan was developed in accordance with the standards and guidance set forth by DHS/FEMA and will serve the state of Michigan in all DHS/FEMA-sponsored exercises for the next three years.

Appendix A: National Priorities

The following five preparedness goals or mission areas, achieved through the use of the newly-defined core capabilities, are established as National Priorities by the [National Preparedness Guidelines](#), published in September 2011 by the Department of Homeland Security (DHS):

1. Preventing, avoiding, or stopping a threatened or an actual act of terrorism.
2. Protecting our citizens, residents, visitors, and assets against the greatest threats and hazards in a manner that allows our interests, aspirations, and way of life to thrive.
3. Mitigating the loss of life and property by lessening the impact of future disasters.
4. Responding quickly to save lives, protect property and the environment, and meet basic human needs in the aftermath of a catastrophic incident.
5. Recovering through a focus on the timely restoration, strengthening, and revitalization of infrastructure, housing, and a sustainable economy, as well as the health, social, cultural, historic, and environmental fabric of communities affected by a catastrophic incident.

Appendix B: Core Capabilities

As part of Presidential Policy Directive-8 (PPD-8), core capabilities were developed to realign with the below five missions areas. The previous target capabilities list was also redeveloped into new core capabilities. The new core capability definitions follow on the next several pages. Further information can be found in the [National Preparedness Guidelines](#).

Prevention

- Planning
- Public Information and Warning
- Operational Coordination
- Forensics and Attribution
- Intelligence and Information Sharing
- Interdiction and Disruption
- Screening, Search, and Detection

Mitigation

- Planning
- Public Information and Warning
- Operational Coordination
- Community Resilience
- Long Term Vulnerability Reduction
- Risk and Disaster Resilience Assessment
- Threats and Hazard Identification

Recovery

- Planning
- Public Information and Warning
- Operational Coordination
- Economic Recovery
- Health and Social Services
- Housing
- Infrastructure System
- Natural and Cultural Resources

Protection

- Planning
- Public Information and Warning
- Operational Coordination
- Access Control and Identity Verification
- Cyber Security
- Intelligence and Information Sharing
- Interdiction and Disruption
- Physical Protective Measures
- Risk Management for Protection Programs and Activities
- Screening, Search, and Detection
- Supply Chain Integrity and Security

Response

- Planning
- Public Information and Warning
- Operational Coordination
- Critical Transportation
- Environmental Response/Health and Safety
- Fatality Management Services
- Infrastructure Systems
- Mass Care Services
- Mass Search and Rescue Operations
- On-Scene Security and Protection
- Operational Communication
- Public and Private Services and Resources
- Public Health and Medical Services
- Situational Assessment

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Access Control and Identity Verification- Apply a broad range of physical, technological, and cyber measures to control admittance to critical locations and systems, limiting access to authorized individuals to carry out legitimate activities. (Target Capability: None)

Community Resilience- Lead the integrated effort to recognize, understand, communicate, plan, and address risks so that the community can develop a set of actions to accomplish. (Target Capability: Community Preparedness and Participation)

Critical Transportation- Provide transportation (including infrastructure access and accessible transportation services) for response priority objectives, including evacuation of people and animals, and the delivery of vital response personnel, equipment, and services into the affected area. (Target Capability: Citizen Evacuation and Shelter-in-Place)

Cyber Security- Protect against damage to, the unauthorized use of, and/or the exploitation of (and, if needed, the restoration of) electronic communications systems and services (and the information contained therein). (Target Capability: None)

Economic Recovery- Return economic business activities (including food and agriculture) to a healthy state, and develop new business and employment opportunities that result in a sustainable and economically viable community. (Target Capability: Economic and Community Recovery)

Environmental Response/Health and Safety- Ensure the availability of guidance and resources to address all hazards, including hazardous materials, acts of terrorism, and natural disasters in support of the responder operations and the affected communities. (Target Capabilities: Environmental Health, Responder Safety and Health, Weapons of Mass Destruction (WMD), and Hazardous Materials Response and Decontamination)

Fatality Management Services- Provide fatality management services, including body recovery and victim identification, working with state and local authorities to provide temporary mortuary solutions, sharing information with mass care services for the purpose of reunifying family members and caregivers with missing persons/remains, and provide counseling to the bereaved. (Target Capability: Fatality Management)

Forensics and Attribution- Conduct forensic analysis and attribute terrorist acts (including the means and methods of terrorism) to their source, to include forensic analysis as well as attribution for an attack and for the preparation for an attack in an effort to prevent initial or follow-on acts and/or swiftly develop counter-options. (Target Capability: None)

Health and Social Services- Restore and improve health and social service networks to promote the resilience, independence, health (including behavioral health), and well-being of the whole community. (Target Capability: None)

Housing- Implement housing solutions that effectively support the needs of the whole community and contribute to its sustainability and resilience. (Target Capability: None)

Infrastructure System- Stabilize critical infrastructure functions, minimize health and safety threats, and efficiently restore and revitalize systems and services to support a viable resilient community. (Target Capabilities: Restoration of Lifelines, Structural Damage Assessment)

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Intelligence and Information Sharing- Provide timely, accurate, and actionable information resulting from the planning, direction, collection, exploitation, processing, analysis, production, dissemination, evaluation, and feedback of available information concerning threats to the United States, its people, property, or interests; the development, proliferation, or use of WMDs; or any other matter bearing on U.S. national or homeland security by Federal, state, local, and other stakeholders. Information sharing is the ability to exchange intelligence, information, data, or knowledge among Federal, state, local, or private sector entities, as appropriate. (Target Capabilities: Information Gathering and Recognition of Indicators and Warnings, Intelligence Analysis and Production, Intelligence and Information Sharing and Dissemination)

Interdiction and Disruption- Delay, divert, intercept, halt, apprehend, or secure threats and/or hazards. (Target Capabilities: Counter-Terror Investigation and Law Enforcement)

Long Term Vulnerability Reduction- Build and sustain resilient systems, communities, and critical infrastructure and key resources lifelines so as to reduce their vulnerability to natural, technological, and human-cause incidents by lessening the likelihood, severity, and duration of the adverse consequences related to these incidents. (Target Capabilities: None)

Mass Care Services- Provide life-sustaining services to the affected population with a focus on hydration, feeding, and shelter to those who have the most need, as well as support for reunifying families. (Target Capability: Mass Care)

Mass Search and Rescue Operations- Deliver traditional and atypical search and rescue capabilities, including personnel, services, animals, and assets to survivors in need with the goal of saving the greatest number of endangered lives in the shortest time possible. (Target Capabilities: Search and Rescue)

Natural and Cultural Resources- Protect natural and cultural resources and historic properties through appropriate planning, mitigation, response, and recovery actions to preserve, conserve, rehabilitate, and restore them consistent with post-disaster community priorities and best practices, and in compliance with appropriate environmental and historical preservation laws and executive orders. (Target Capabilities: None)

On-scene Security and Protection- Ensure a safe and secure environment through law enforcement and related security and protection operations for people and communities located within affected areas and also for all traditional and atypical response personnel engaged in lifesaving and life-sustaining operations. (Target Capabilities: Emergency Public Safety and Security Response, Explosive Device Response Operations)

Operational Communication- Ensure the capacity for timely communications in support of security, situational awareness, and operations, by any and all means available, among and between affected communities in the impact area and all response forces. (Target Capability: Communication)

Operational Coordination- Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities. (Target Capabilities: Emergency Operations Center (EOC) Management, On Site Incident Management)

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Physical Protective Measures- Reduce or mitigate risks, including actions targeted at threats, vulnerabilities, and/or consequences, by protecting borders, critical infrastructure, and the homeland. (Target Capability: Infrastructure Protection)

Planning- Conduct a systematic process engaging the whole community, as appropriate, in the development of executable strategic, operational, and/or community-based approaches to meet defined objectives (Target Capability: Planning)

Public and Private Services and Resources- Provide essential public and private services and resources to the affected population and surrounding communities, to include emergency power to critical facilities, fuel support for emergency responders, and access to community staples, fire, and other first response services. (Target Capability: Critical Resource Logistics and Distribution, Fire Incident Response Support)

Public Health and Medical Services- Provide lifesaving medical treatment, via emergency medical services and related operations, and avoid additional disease and injury by providing targeted public health and medical support and products to all people in need within the affected area. (Target Capabilities: Emergency Triage and Pre-Hospital Treatment, Epidemiological Surveillance and Investigation, Isolation and Quarantine, Laboratory Testing, Mass Prophylaxis, Medical Supplies Management and Distribution, Medical Surge)

Public Information and Warning- Deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard, as appropriate, with actions being taken and assistance being made available. (Target Capabilities: Emergency Public Information and Warning)

Risk and Disaster Resilience Assessment- Assess risk and disaster resilience so that decision makers, responders, and community members can take informed actions to reduce their entity's risk and increase their resilience. (Target Capability: None)

Risk Management for Protection Programs and Activities- Identify, assess, and prioritizes risks to inform protection activities and investments. (Target Capability: Risk Management)

Screening, Search, and Detection- Identify, discover, or locate threats and/or hazards through active and passive surveillance and search procedures. This may include the use of systematic examinations and assessments, sensor technologies, or physical investigations and intelligence. (Target Capabilities: CBRNE Detection)

Situational Assessment- Provide all decision makers with decision-relevant information regarding the nature and extent of the hazard, any cascading effects, and the status of the response. (Target Capabilities: None)

Supply Chain Integrity and Security- Strengthen the security and resilience of the supply chain. (Target Capabilities: Food and Agriculture Safety and Defense, Animal Disease Emergency Support)

Threats and Hazard Identification- Identify the threats and hazards that occur in the geographic area; determine the frequency and magnitude; and incorporate this into analysis and planning processes so as to clearly understand the needs of a community or entity. (Target Capability: None)

Appendix C: Exercise Types

I. Discussion-Based Exercises

Discussion-based exercises are normally used as a starting point in the building-block approach to the cycle, mix, and range of exercises. Discussion-based exercises include seminars, workshops, tabletop exercises (TTXs), and games. These types of exercises typically highlight existing plans, policies, mutual aid agreements (MAAs), and procedures. Thus, they are exceptional tools for familiarizing agencies and personnel with current or expected jurisdictional capabilities. Discussion-based exercises typically focus on strategic, policy-oriented issues; operations-based exercises focus more on tactical, response-related issues. Facilitators and/or presenters usually lead the discussion, keeping participants on track while meeting the objectives of the exercise.

Seminars

Seminars are generally used to orient participants to or provide an overview of authorities, strategies, plans, policies, procedures, protocols, response resources, or concepts and ideas. Seminars provide a good starting point for jurisdictions that are developing or making major changes to their plans and procedures. They offer the following attributes:

- Informal discussions led by a seminar leader.
- Lack of time constraints caused by real-time portrayal of events.
- Low-stress environment employing a number of instruction techniques such as lectures.
- Multimedia presentations, panel discussions, case study discussions, expert testimony, and decision support tools.
- Proven effectiveness with both small and large groups.

Workshops

Workshops represent the second tier of exercises in the Homeland Security Exercise and Evaluation Program (HSEEP) building-block approach. Although similar to seminars, workshops differ in two important aspects: Participant interaction is increased and the focus is on achieving or building a product (such as a plan or a policy). Workshops provide an ideal forum for the following:

- Building teams.
- Collecting or sharing information.
- Obtaining consensus.
- Obtaining new or different perspectives.
- Problem solving of complex issues.
- Testing new ideas, processes, or procedures.
- Training groups in coordinated activities.

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In conjunction with exercise development, workshops are most useful in achieving specific aspects of exercise design, such as the following:

- Determining evaluation elements and standards of performance.
- Determining program or exercise objectives.
- Developing exercise scenario and key events listings.

A workshop may be used to produce new Standard Operating Procedures (SOPs), Emergency Operations Plans (EOPs), Mutual Aid Agreement (MAAs), Multi-Year Training and Exercise Plans (TEP), and Improvement Plans (IPs). To be effective, workshops must be highly focused on a specific issue, and the desired outcome or goal must be clearly defined. Potential relevant topics and goals are numerous, but all workshops share the following common attributes:

- Effective with both small and large groups.
- Facilitated, working breakout sessions.
- Goals oriented toward an identifiable product.
- Information conveyed employing different instructional techniques.
- Lack of time constraint from real-time portrayal of events.
- Low-stress environment.
- No-fault forum.
- Plenary discussions led by a workshop leader.

Tabletop Exercises (TTXs)

TTXs involve senior staff, elected, or appointed officials, or other key personnel in an informal setting discussing simulated situations. This type of exercise is intended to stimulate discussion of various issues regarding a hypothetical situation. It can be used to assess plans, policies, and procedures or to assess types of systems needed to guide the prevention of, response to, and recovery from a defined incident. TTXs are typically aimed at facilitating understanding of concepts, identifying strengths and shortfalls, and/or achieving a change in attitude. Participants are encouraged to discuss issues in depth and develop decisions through slow-paced problem solving rather than the rapid, spontaneous decision-making that occurs under actual or simulated emergency conditions.

In contrast to the scale and cost of operations-based exercises and games, TTXs can be a cost-effective tool when used in conjunction with more complex exercises. The effectiveness of a TTX is derived from the energetic involvement of participants and their assessment of recommended revisions to current policies, procedures, and plans.

TTX methods are divided into two categories: basic and advanced. In a basic TTX, the scene set by the scenario materials remains constant. It describes an event or emergency incident and brings discussion participants up to the simulated present time. Players apply their knowledge and skills to a list of problems presented to the facilitator, problems are discussed as a group, and resolution is generally agreed upon and summarized by the facilitator. In an advanced TTX, play focuses on delivery of pre-scripted messages to players that alter the original scenario. The exercise facilitator usually introduces problems one at a time in the form of a written message, simulated telephone call, videotape, or other

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means. Participants discuss the issues raised by the problem and procedures. TTX attributes may include the following: using appropriate plans

- Achieving limited or specific objectives.
- Assessing interagency coordination.
- Conducting a specific case study.
- Examining personnel contingencies.
- Familiarizing senior officials with a situation.
- Participating in information sharing.
- Practicing group problem solving.
- Testing group message interpretation.

II. Operations-Based Exercises

Operations-based exercises represent the next iteration of the exercise cycle; they are used to validate the plans, policies, agreements, and procedures solidified in discussion-based exercises. Operations-based exercises include drills, functional exercises (FEs), and full-scale exercises (FSEs). They can clarify roles and responsibilities, identify gaps in resources needed to implement plans and procedures, and improve individual and team performance. Operations-based exercises are characterized by actual response, mobilization of apparatus and resources, and commitment of personnel, usually over an extended period of time.

Drills

A drill is a coordinated, supervised activity usually used to test a single, specific operation or function in a single agency. Drills are commonly used to provide training on new equipment, develop or test new policies or procedures, or practice and maintain current skills. Typical attributes include the following:

- A narrow focus, measured against established standards.
- Instant feedback.
- Performance in isolation.
- Realistic environment.

Functional Exercises (FEs)

The FE, also known as a Command Post Exercise (CPX), is designed to test and evaluate individual capabilities, multiple functions or activities within a function, or interdependent groups of functions. FEs are generally focused on exercising the plans, policies, procedures, and staffs of the direction and control nodes of the Incident Command System (ICS) and Unified Command System (UCS). Generally incidents are projected through an exercise scenario with event updates that drive activity at the management level. Movement of personnel and equipment is simulated.

The objective of the FE is to execute specific plans and procedures and apply established policies, plans, and procedures under crisis conditions within or by particular function teams. An FE simulates the reality of operations in a functional area by presenting complex

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and realistic problems that require rapid and effective responses by trained personnel in a highly stressful environment. Attributes of an FE include the following:

- Evaluating Emergency Operations Centers (EOC), headquarters, and staff.
- Evaluating functions.
- Examining inter-jurisdictional relationships.
- Measuring resource adequacy.
- Reinforcing established policies and procedures.

Full-Scale Exercises (FSEs)

The FSE is the most complex step in the exercise cycle. FSEs are multi-agency, multi-jurisdictional exercises that test many facets of emergency response and recovery. They include many first responders operating under the ICS or Unified Command System to effectively and efficiently respond to and recover from an incident. An FSE focuses on implementing and analyzing the plans, policies, and procedures developed in discussion-based exercises and honed in previous, smaller operations-based exercises. The events are projected through a scripted exercise scenario with built-in flexibility to allow updates to drive activity. It is conducted in a real-time, stressful environment that closely mirrors a real incident. First responders and resources are mobilized and deployed to the scene where they conduct their actions as if a real incident had occurred (with minor exceptions). The FSE simulates the reality of operations in multiple functional areas by presenting complex and realistic problems requiring critical thinking, rapid problem solving, and effective responses by trained personnel in a highly stressful environment. Other entities that are not involved in the exercise, but that would be involved in an actual incident, should be simulated.

An FSE provides an opportunity to execute plans, procedures, and MAAs in response to a simulated live incident in a highly stressful environment. Typical FSE attributes include the following:

- Activating personnel and equipment.
- Allocating resources and personnel.
- Analyzing memoranda of understanding (MOUs), SOPs, plans, and policies.
- Assessing equipment capabilities.
- Assessing inter-jurisdictional cooperation.
- Assessing organizational and individual performance.
- Demonstrating interagency cooperation.
- Exercising public information systems.
- Testing communications systems and procedures.

The level of support needed to conduct an FSE is greater than needed during other types of exercises. The exercise site is usually extensive, with complex site logistics. Food and water should be supplied to participants and volunteers. Safety issues, including those surrounding the use of props and special effects, must be monitored. FSE controllers ensure that participants' behavior remains within pre-defined boundaries. Simulation Cell (SimCell) controllers continuously inject scenario elements to simulate real events. Evaluators observe behaviors and compare them against established plans, policies, procedures, and standard practices (if applicable). Safety controllers ensure all activity is executed within a safe environment.

Appendix D: Acronym List

CBRNE	Chemical, Biological, Radiological, Nuclear, and High-Yield Explosives
CDC	Centers for Disease Control and Prevention
CIP	Critical Infrastructure Protection
COOP	Continuity of Operations Plan
CPX	Command Post Exercise
D	Drill
DHS	U.S. Department of Homeland Security
EMHSD	Emergency Management and Homeland Security Division
EMS	Emergency Medical Services
EOC	Emergency Operations Center
EOP	Emergency Operations Plans
EP	Emergency Planning
FE	Functional Exercise
FEMA	Federal Emergency Management Agency
FSE	Full-Scale Exercise
FY	Fiscal Year
G	Game
HazMat	Hazardous Materials
HAZWOPER	Hazardous Waste Operations and Emergency Response
HSEEP	Homeland Security Exercise and Evaluation Program
ICS	Incident Command System
IED	Improvised Explosive Device
LHD	Local Health Department
LTC	Long-Term Care

MAA	Mutual Aid Agreement
MDCH/OPHP	Michigan Department of Community Health, Office of Public Health Preparedness
MOU	Memorandum of Understanding
MSP	Michigan State Police
NIMS	National Incident Management System
NIPP	National Infrastructure Protection Plan
NRF	National Response Framework
NWS	National Weather Service
PEM	Professional Emergency Manager
PIO	Public Information Officer
POC	Public Officials Conference
REP	Radiological Emergency Planning
RSS	Receipt, Storage, and Staging
S	Seminar
SEMI	Southeastern Michigan
SHSS	State Homeland Security Strategy
SimCell	Simulation Cell
SOP	Standard Operating Procedures
SNS	Strategic National Stockpile
TEPW	Training and Exercise Planning Workshop
TCL	Target Capabilities List
TTX	Tabletop Exercise
UCS	Unified Command System
UASI	Urban Area Security Initiative
W	Workshop
WMD	Weapon(s) of Mass Destruction